Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 25 Sep 2023 until 23:59 on Tuesday 26 Sep 2023

Forecast Issued on Sunday 24 Sep 2023 at 14:55

Confidence: High for general theme but lower for shower detail and for wind strength on Wednesday.

Headline for Monday 25 Sep 2023: Mostly dry with bright periods.

Mountain weather hazards on Monday 25 Sep 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Sunny intervals	Sunny intervals	Sunny intervals	Clear night
Precipitation probability							
20%	10%	<05%	<05%	20%	10%	10%	00%

Forecast for Monday 25 Sep 2023

Weather: Any low cloud at first soon lifting and tending to break as the morning progresses, allowing increasing sunny spells and occasional showers. Any showers fading by late afternoon, becoming dry with clear spells to end the day.

Chance of cloud-free hill tops above 600m: 40% becoming 90%

Low cloud and visibility: Cloud bases down to 300-400m at first, quickly lifting above the summits by mid-morning. Visibility will be very poor in low cloud at first, improving to become very good, and only briefly deteriorating in showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Monday 25 Sep 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	28/38 SW	25/35 SW	25/36 SW	25/35 SW	24/34 SW	20/29 SW	14/21 SW	14/22 SW	14/20 S
300	21/32 SW	17/28 SW	18/30 SW	20/30 SW	19/29 SW	15/24 SW	9/16 SW	10/17 S	9/15 S
Valley	14/30 SW	11/27 SW	12/28 SW	14/29 SW	14/28 SW	13/25 SW	6/17 SW	6/17 S	6/16 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/8	11/7	10/6	11/7	13/9	13/10	12/9	11/8	10/7
300	14/11	14/10	13/9	14/10	16/12	16/13	14/12	13/11	12/10
Valley	15/13	14/12	12/10	14/12	17/14	17/14	14/14	13/12	12/11
Freezing Level*	2400m	1900m	2000m	1900m	2000m	2000m	2000m	1900m	2000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Winds over peaks and ridges likely blustery at time, with some wind-chill. Note the potential for hazardous weather on Wednesday.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 24 Sep 2023	N/A	N/A	N/A

Forecast for Tuesday 26 Sep 2023

Weather: After a clear night cloud will thicken through the morning with rain arriving by midday. Rain should clear through by late afternoon with a fine evening. Becoming windy through the morning before easing later.

Maximum wind: Southerly 20-25 gust 35mph

Chance of cloud-free hill tops above 600m: 90% lowering to 30% in rain then improving again to 90%

Low cloud and visibility: Very good visibility and well broken cloud above 500 metres for much of the day, however overcast layers around 250-400 metres likely with poor visibility in heavy rain through the afternoon.

Temperature: **Valleys:** Ps 7 becoming Ps 20 Celsius
At 600m: Ps 11 Celsius
Freezing level: Well above summits

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